



EU DECLARATION OF CONFORMITY

DOCUMENT: HX503754

Manufacturer **Parker Hannifin Manufacturing Ltd.**
Address **New Courtwick Lane, LITTLEHAMPTON,
West Sussex, BN17 7RZ
United Kingdom**

declares under sole responsibility compliance of the following products

Product **590PR Series DC Drives**

Product name **590PR Frames 1, 2, 3, 4**

with the

Low Voltage Directive 2014/35/EU

Applied harmonized standards

EN 50178:1998

Electronic equipment for use in power installations

EMC Directive 2014/30/EU

Applied harmonized standards

EN 61800-3:1997

Adjustable speed electrical power drive systems

Part 3: EMC product standard including specific test methods.

Machinery Directive 2006/42/EC (Appendix IV)

Applied harmonized standards

EN 60204-1:1998

Safety of machinery – Electrical equipment of machines

Part 1: General requirements

RoHS Directive 2011/65/EU

Applied harmonized standards

EN 50581:2012

Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

Date CE mark first applied: **2018-01-23**

Notes:

These products must be installed and operated with reference to the instructions in the Product Manual.

All instructions, warnings and safety information of the Product Manual must be adhered to.

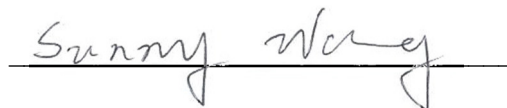
Issued for compliance with the EMC Directive when the unit is used as *relevant apparatus*.

The products are components to be incorporated into machinery and may not be operated alone. The complete machinery or installation may only be put into service when the safety considerations of the Machinery Directive 2006/42/EC are fully adhered to.

Some components in these products are RoHS compliant using the following exemptions listed in Annex III: 6(a), 6(b), 6(c), 7(c)-I & 15

Signed on behalf of Parker Hannifin Manufacturing Ltd., Littlehampton 2018-01-31

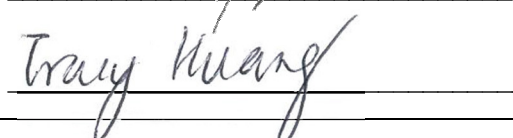
Ms. Sunny Wang Quality Manager



Dr. Martin Payn Global EM Compliance Manager



Ms. Tracy Huang Business Unit Manager





APPENDIX: ORDER CODE FOR EU DECLARATION OF CONFORMITY

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Product Coding Scheme

590PR Series 110V-500V 3 phase

		Block 1	Block 2	Block 3	Block 4
Example		590PR	23 2200 1 0	P 00	U 0
Family	590PR Series DC Digital Drive-regen 591PR Series DC Digital Drive-non-regen	590PR 591PR			
Rating Data	Supply Voltage	Output Current(A)	Frame Size		
	110-220V 3ph			23	
		20	1	2200	1
		35	1	2350	1
		45	1	2450	1
		75	2	2750	2
		110	2	3110	2
		165	2	3165	2
		180	3	3180	3
		270	3	3270	3
		380	4	3380	4
		500	4	3500	4
		725	4	3725	4
		830	4	3820	4
	220-500V 3ph			53	
		20	1	2200	1
		35	1	2350	1
		45	1	2450	1
		75	2	2750	2
		110	2	3110	2
		165	2	3165	2
		180	3	3180	3
		270	3	3270	3
		380	4	3380	4
		500	4	3500	4
		725	4	3725	4
		830	4	3830	4
	500-600V 3ph			63	
		380	4	3380	4
		500	4	3500	4
		725	4	3725	4
		830	4	3830	4
Auxiliary supply	Universal 110V-240V 50-60Hz 1ph (Frames 1,2)				0
	115V 1ph (Frames 3,4)				1
	230V 1ph (Frames 3,4)				2
Mechanical Type	Panel Mounting Panel Mounting + Airflow Kit (Option Frame 4 only)				P A
Special Options	None Documented Special Options (1-99)				00
Language	Universal				U
Keypad	6901 keypad fitted				4

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